1-10

10 Papaveraceae

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cm
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*Ramirea hispida Thunb*
*oppositifolia Vent*

*Ceylon*

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*C. B. S.*

*H. Salzs 1824*

Farsetia incana R. Br. Spic II, 871
Alyssum " L. RI, 340
Monetia " Roth
Vesicaria " Desv.
Berteroa " Cand
Draba cheiranthi folia Lam

Europ

Fr 1820

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Achillea Distans Kit

ambigua Pollin

dentifera Cand.

Iper III, 600

Hungar. Ital. Gallaustr

H. B. F. 1824

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C. aurea
var. minutiflora
Flora, Curtis 1878

x 10

156

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N. W. C

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Corydalis aurea

Utah

Oct 1860

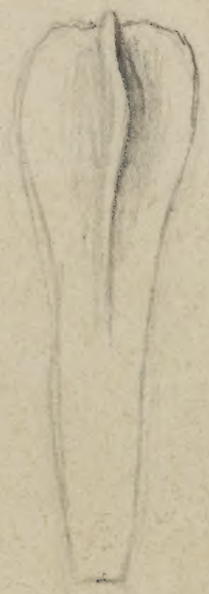
U var montana

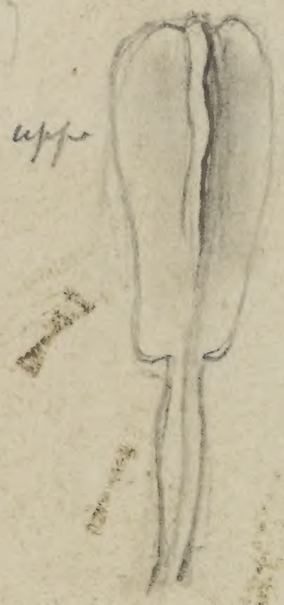
x 4

x 4

lower lip reflexed
& fully open flower

157





upper

lower edge

x 10

process of spur

upper

lowest petal

lateral petal

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Crotalaria stipularis
flavula Roxb

Oct
1860

Section of edge of seed
x 60



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Cogdalea cymbalifera Cog. in Fl. Bras. fasc. 64 (1881) 685.

I p. 685. Caules vix 1 metrales, ramosissimi, ramis ultimis gracilibus, foliis brevissime petiolatis, ovato-lanceolatis, basi rotundatis, apice longe acuminatis, 5-nerviis, nervis lateralibus arcuatis, floribus parvis, albis, in racemos axillares folio brevior. pedunculatos dispositis, bracteis ovatis, acuminatis, ciliatis, bracteolis lanceolatis, ciliatis, calycis tubo brevi, dentibus 5 lanceolatis, acutis, corolla infundibuliformi, tubo longe exserto, limbo 5-partito, lobis ovatis, acutis, staminibus 5 inclusis, filamentis brevissimis, antheris linearibus, basi sagittatis, ovario 2-loculari, ovulis numerosis, stylo filiformi, stigmate capitato, bifido, lobis linearibus, capsula ovoidea, 2-valvi, valvis bifidis, seminibus numerosis, minutissimis, fusiformibus, testa reticulata.

Habitat in Brasilia meridionali (Sellow n. 1107).

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= Hardy Reg. in Sec. Journ. 6 L 1808. 1. p. 225
Lc. Ord II. p. 129

Corydalis Delphi

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Cupidus metrorrhagia, cancer (adenoma)
Dracunculi femur, abietis pancreatis;
pulsatilla tactus cancrotici gandularum
longe separatus plexum plexus nervosus; (cerebrum
calcea callo fetale vaginae tussis mix
scopolo (obtuso, cancellatis) Ethmoidale
ato (magnesia et thymus) calcaneo
vie bronchitis, spondylis dracunculus sedes s.
tactus recruditi cruris, gangliis immunitas,
lacteus tussidis, vita machinam effusus
tendovaginitis —

Malum Nickel Bellum Natrum
(Hydrae) —

Cancer thorax — mons pedis
sedes of aorta to much Americam

might be a form of woman (like Epithumetic
dentition of G. streptococcus) Cancer also
not good here at all — and the adenoid thyroid
capsule room + altogether it would be for pth
way under a microphone work, this is why I'm
Color Coy!

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN HERBARIUM

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energy of his character, and with but a single man as his escort, and no other guide than his compass, he determined to continue on his course. After a wearisome travel of many days, and having encountered many privations and dangers, he and his companion, Cadotte, arrived safely, but in almost a starving condition, at the Flathead Village, situate on the western slope of the Rocky Mountains. In accomplishing this part of his arduous task, Dr. Evans passed directly through the heart of the Blackfeet country, and travelled a distance of more than two hundred miles in the main chain of the Rocky Mountains before he succeeded in finding a passage to the valley beyond. It is much to be regretted that the credit of the discovery of this important pass, which unquestionably belongs to the subject of the present sketch, has been unjustly transferred to another. It should have been named in honor of Dr. Evans instead of Cadotte, since it is well known that the latter person had no knowledge of such a passage, and, in fact, had not even been in that region before he went there under the guidance of Dr. Evans. After a few days' rest at the Flathead Village our traveller resumed his journey, and without encountering further difficulties, reached Oregon city with much valuable information concerning the extensive district of country through which he had passed.

In the prosecution of the geological survey of Oregon and Washington, Dr. Evans was actively engaged for nearly five years, during which period his travels extended over a large portion of those Territories. The results of his important labors, embracing a large amount of information relating to the geology, topography, geography and natural history of that interesting portion of the American continent, are embodied in his large report submitted to, and ordered to be printed by Congress at its last session. It was placed in the hands of the Public Printer only a few days previous to the death of its lamented author, and it is a matter of deep regret, that, owing to some informality, its publication must be delayed to await the further action of Congress. It is earnestly hoped that Congress will, at an early period, make the necessary provision for the printing of this important document, the preparation of which has cost such a large expenditure of labor and money, and which promises to be of the highest value to science and the people for whose benefit the survey was ordered.

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*September* 2, 1861.

The President, Dr. ENGELMANN, in the chair.

Seven members present.

The following donation to the library was received: Bull. de la Soc. Imper. zool. d'Acclimatation, Paris, No. 7, Juillet, 1861, *from the Society.*

Mr. Holmes presented from Dr. B. F. Shumard the following skulls from Texas: *Felis pardalis*, Linn. (Tiger-cat), from Travis Co.; *Felis onza*, Linn. (Jaguar), from Hays Co., and *Dicotyles torquatus* (Peccary), from Travis Co.

Dr. Engelmann made some remarks on the temperature and humidity of the past three summer months. June and August were by more than two degrees warmer than the averages for these months, while July was cooler. The quantity of rain for each of these months was below the average

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so much interest among scientific men.* And such was his energy that, almost unaided, he gathered in a few weeks the extensive collection of fossil bones which furnished to Dr. Leidy the materials for his splendid memoir on the "Extinct Fossil Fauna of Nebraska." At the same time he collected a large and elegant series of Cretaceous fossils, some of which were described and figured by Dr. Owen in his final report on the Geology of Iowa, Wisconsin and Minnesota. The notes made by Dr. Evans on the geological features of that remarkable region were likewise of the highest interest, and from these Dr. Owen has compiled one of the most instructive and beautiful chapters to be found in his valuable report. In addition to his scientific duties, Dr. Evans had almost exclusive control of the business department of Dr. Owen's survey, which of itself involved an immense deal of labor. The satisfactory manner in which he discharged these onerous duties, often in the midst of disheartening privations and even danger, commanded the highest esteem and confidence of Dr. Owen and his associates, while his goodness of heart, uniform courtesy, and self-sacrificing disposition, secured to him their warmest friendship.

After the completion of the field work of the North-west Survey, (1850,) Dr. Evans received the appointment of U. S. Geologist for Oregon, which he accepted, and immediately entered upon the duties of his new office with his usual energy and zeal. The survey was organized by the appointment of Dr. B. F. Shumard to the position of Principal Assistant, who shortly after embarked for Oregon, by way of the Isthmus of Panama. Dr. Evans determined to revisit Nebraska, and thence proceed overland to Oregon by an unexplored route, with the view of determining the general geological and topographical features of a vast region, then almost unknown to science, and of ascertaining if there existed a nearer way from the Upper Missouri to the Oregon coast than that usually travelled. He proceeded to St. Louis, and there spent a few days in making preparations for his journey. He then took passage for Fort Pierre Chouteau, on board a steamer belonging to the American Fur Company. During this passage, which occupied nearly a month, cholera to an alarming extent prevailed among the passengers and employees of the Fur Company on board, several of whom died, and the mortality would have been far greater but for the kind attention of Dr. Evans, who, though himself laboring under an exhausting diarrhœa, allowed himself no rest, but in the triple capacity of physician, nurse and companion, was ever at the bed-side of the sick, administering to their wants, and encouraging them by his cheering words.

From Fort Pierre, Dr. Evans again visited the Mauvaises Terres, where in a short time he succeeded in obtaining a large collection of the fossil fauna of that region, even more extensive than his former one, and embracing a considerable number of new and interesting species. On his return to the Fort he set about preparing for his long journey, which from the hostility of the Blackfeet and other Indian tribes, together with the difficulties incident to the route, was regarded by the Indian traders as extremely hazardous; hence it was exceedingly difficult to find either guides or hunters willing to accompany him. After much persuasion, however, he succeeded in procuring the services of two hunters and a half-breed guide, they agreeing to go with him as far as the Flathead Village. With this meagre escort he started from Fort Pierre, but scarcely had he reached the borders of the Blackfeet country ere his hunters became alarmed, and unceremoniously left his camp during the night and returned to the Fort. Under these discouraging circumstances a person less courageous than Dr. Evans would have turned back; but difficulties served only to develope the indomitable

* To Dr. Hiram A. Prout is justly due the credit of having first called attention to the existence of such remains in that region by his excellent memoirs of Palæotheroid and other bones, published in Silliman's Journal.

MISSOURI BOTANICAL GARDEN
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Corydalis aurea Willd. Biennial; in the first year many short leafy (stems) heads from a stout white perpendicular root (1–7 lines thick), very rarely producing a late flowering raceme; in the second year abundantly bloomy through summer and autumn from the elongated (4–6 inches long) branching stems; flowers crowded on the short (oppositifolious, as in all the species?) racemes, bracts lanceolate, ~~lin~~ linear, sparingly denticulate, about the length of the short (2 lines long) pedicel; flowers about 8 lines long, sepals membranous small denticulate; spur curved down and, 1/3 the length of the whole flower; both outer petals equal upwards, saccate or bluntly keeled denticulate, at last laterally reflexed; ~~lateral~~ inner petals much shorter, bluntly keeled; pod deflexed, curved or twisted, torulose, long cuminate, about 1 inch long; seeds joyfully smooth and shining, rounded-keeled, more than half covered by the membranous hooded arillus.

All over Colorado to New Mexico and apparently the only species there. Easily distinguished by the growth the many heads from one root which in the second autumn becomes woolbed so that the stems joyfully withered, readily separate and fall asunder;

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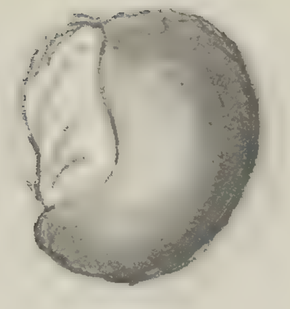
Cyclolobus micro-[illegible] Bat. 1860

Nelumbium

x 4

x 10

x 10



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Rec'd Sept 12 1866
Ans — 19 — Sept. 8

162

Dear E,

About Corydalis aurea
et aff.

C. aurea. Seed turgid
with no distinct edge,
polished or obscurely sculptic=
ulate (on some seed)

C. flavula Raf. Seed the
720. same. has paler
smaller flowers, (short)
pedicels and larger bracts.
Any thing else?
I have few & poor
specimens of this, & very
little fruit. Help me
out? Spurs only 1/4 length of fl.

C. "montana" Engelm.
(Wright 1309, Hall & H. 31)
Ascending smooth pods, &

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cm
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and sharp-edged seeds,
otherwise as y b. area
itself.

I have our fruit of
your var pruinosa.

Pray supply.

C. canisiliqua. Engelm

Trop, Lin R, only,
Pod ascending, arcuate,
tetragonal,
seed sharp-edged &
muricalate.

Can you throw any
more light on these things.

I am sinking in renewed
y Manual, quite re cast.
Send on your mss. —
at first for earlier ones
only. Write on one
side of paper. —

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cm
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Mittenius dead
Cholera!

Thuja

C. acuta, spec. 1/2 length of the
corolla,
C. punctata
C. canadensis } spec. scarcely
equalling the
corolla

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Octob 1866

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Cosmidia ex affinitate aureae

C. aurea Wild semina turgida laevissima s. tenuiter sub vario
lente reticulata, margine obtusa s. obtusiuscula

C. montana Sp. Vermont Cutler, Hort Cambridge, Gray

C. montana Ley. semina turgida tenuiter sub lente fortiore
reticulata, margine acutiuscula nec carinata

Sp. Fendler 17. Wright 13.09 Hale ...
Ayres

C. flavula Ref semina turgida majora leviter Tuberculata
carina distincta grosse Tuberculata.

Sp. Philadelphia, St Louis

C. convisiliqua Ley semina turgida acute marginata nec
carinata manifeste

Texas Lindheimer.

In C. montana each cell is elevated above its walls
in flavula this is more strongly the case, and more distinctly
on the carina, where the cells are also smaller in convi-
siliqua only the centre of the flat cells is suddenly elevated

montana flavula convisiliqua

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